

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S1    | 0    | ((disc or disc) near2 layer) and ((dub\$ or copy or copied or copying) adj transition)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/17<br>14:35 |
| S2    | 89   | ((disc or disc) near2 layer) and ((dub\$ or copy or copied or copying) same transition)                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/17<br>14:35 |
| S3    | 96   | ((disc or disc) same ((multi or dual) near layer)) and ((dub\$ or copy or copied or copying) same (transition or switch \$3)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/17<br>14:57 |
| S4    | 55   | S3 not S2   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/17<br>14:57 |
| S5    | 2    | "6347353".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/17<br>15:15 |
| S6    | 0    | "0715301".pn.   | EPO;<br>DERWENT                                    | OR               | ON      | 2009/09/17<br>15:19 |
| S7    | 5    | "715301".pn.  | EPO;<br>DERWENT                                    | OR               | ON      | 2009/09/17<br>15:19 |
| S8    | 166  | (disc or disc or dvd) same (multi or dual) same layer same (dub \$ or copy or copied or copying or copies)                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/21<br>07:14 |
| S9    | 783  | (disc or disc or dvd) same (multi\$3 or dual) same layer same (dub \$ or copy or copied or copying or copies)                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | ON      | 2009/09/21<br>07:14 |
| S10   | 11   | S8  | EPO; JPO;<br>DERWENT                               | OR               | ON      | 2009/09/21<br>07:15 |

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| S11 | 155  | S8 not S10  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>07:18 |
| S12 | 2996 | (disc or disc or DVD)<br>same layer same (dub<br>\$ or copy or copied or<br>copying)                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>07:59 |
| S13 | 40   | S12 and ((transition or<br>break or middle) near2<br>(mark\$3 or tag\$4 or<br>identif\$4))                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>08:01 |
| S14 | 1033 | S12 and (transition or<br>break or middle)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>08:17 |
| S15 | 5    | S14   | EPO; JPO;<br>DERWENT                               | OR | ON | 2009/09/21<br>08:17 |
| S16 | 414  | S14 and @ay<"2004"  | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2009/09/21<br>08:19 |
| S17 | 159  | "L0" same "I1" same<br>transition   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>10:41 |
| S18 | 42   | (disc or dvd or cd)<br>same layer same break<br>same transition   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>10:46 |
| S19 | 23   | (disc or dvd or cd)<br>same "I0" same S17<br>same transition  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>10:48 |
| S20 | 66   | (disc or dvd or cd).ti.<br>and ("L0" same "L1"<br>same (middle or break<br>or transition or switch<br>\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>12:02 |
| S21 | 4850 | (layer).ti. and (layer<br>same (middle or break<br>or transition or switch<br>\$3)) and (DVD or disc)       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>12:52 |
| S22 | 867  | S21 and @py<"2004"  | EPO; JPO;<br>DERWENT                               | OR | ON | 2009/09/21<br>12:53 |
| S23 | 0    | "1131357".pn.   | JPO  | OR | ON | 2009/09/21<br>13:39 |
| S24 | 1    | "11031357".pn.  | JPO  | OR | ON | 2009/09/21<br>13:39 |

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| S25 | 1    | "2001176203".pn.  | JPO  | OR | ON | 2009/09/21<br>13:40 |
| S26 | 1038 | (layer or optical).ti.<br>and (layer same<br>(middle or break or<br>transition or switch<br>\$3)) and ((disk or DVD<br>or disc) and layer) and<br>(information or data or<br>video) | EPO; JPO;<br>DERWENT                               | OR | ON | 2009/09/21<br>13:42 |
| S27 | 550  | S26 and @py<"2004"  | EPO; JPO;<br>DERWENT                               | OR | ON | 2009/09/21<br>13:43 |
| S28 | 8073 | (layer or optical).ti.<br>and (layer same<br>(middle or break or<br>transition or switch<br>\$3)) and ((disk or DVD<br>or disc) and layer) and<br>(information or data or<br>video) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>13:52 |
| S29 | 0    | ((mark\$3 or label\$4 or<br>identif\$ ot tag\$4) near<br>(layer same (middle or<br>break or transition or<br>switch\$3))) and S28   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>13:54 |
| S30 | 0    | ((mark\$3 or label\$4 or<br>identif\$ or tag\$4) near<br>(layer same (middle or<br>break or transition or<br>switch\$3))) and S28   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>13:55 |
| S31 | 200  | ((mark\$3 or label\$4 or<br>identif\$ or tag\$4) near<br>(middle or break or<br>transition or switch<br>\$3)) and S28   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>13:55 |
| S32 | 130  | S31 and @ay<"2004"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/21<br>13:56 |
| S33 | 1366 | ((disk or disc or dvd)<br>near2 layer) and<br>((information or data)<br>near2 layer)  | EPO; JPO;<br>DERWENT                               | OR | ON | 2009/09/21<br>14:13 |
| S34 | 549  | S33 and @py<"2004"  | EPO; JPO;<br>DERWENT                               | OR | ON | 2009/09/21<br>14:13 |
| S35 | 47   | ((disk or disc or dvd)<br>near2 layer) and<br>((information or data)<br>near2 layer) and<br>transition  | EPO; JPO;<br>DERWENT                               | OR | ON | 2009/09/21<br>15:29 |

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| S36 | 10   | S34 and S35  | EPO; JPO;<br>DERWENT                               | OR | ON | 2009/09/21<br>15:29 |
| S37 | 4480 | (copied or copying or<br>copy or replicated or<br>replicating or<br>replication or replicate<br>or dub or dubbing or<br>dubbed) same (disc or<br>disk or dvd or CD)<br>same layers   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/22<br>08:31 |
| S38 | 433  | (copied or copying or<br>copy or replicated or<br>replicating or<br>replication or replicate<br>or dub or dubbing or<br>dubbed) same (disc or<br>disk or dvd or CD)<br>same (layers near2<br>(multi or multiple or<br>dual or two or plural<br>\$4)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/22<br>08:33 |
| S39 | 320  | S38 not illegal  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/22<br>08:34 |
| S40 | 214  | S39 and @ay<"2006"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/22<br>08:37 |
| S41 | 181  | S39 and @ay<"2005"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/22<br>08:37 |
| S42 | 48   | (copied or copying or<br>copy or replicated or<br>replicating or<br>replication or replicate<br>or dub or dubbing or<br>dubbed) same (disc or<br>disk or dvd or CD)<br>same layers same<br>(split or break or<br>tansion)                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2009/09/22<br>09:29 |

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| S43 | 947 | (copied or copying or copy or replicated or replicating or replication or replicate or dub or dubbing or dubbed) and ((disc or disk or dvd or CD) same (layers near2 (multi or multiple or dual or two or plural \$4))) and ((split\$4 or break\$3 or transition) same layers) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/22<br>09:39 |
| S44 | 2   | S43  | EPO; JPO;<br>DERWENT                               | OR | ON  | 2009/09/22<br>09:41 |
| S45 | 486 | S43 and @ay<"2005"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/22<br>09:42 |
| S46 | 436 | S45 not S41  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/22<br>09:42 |
| S47 | 121 | S37 and (bit near bit)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/22<br>10:56 |
| S48 | 18  | S37 and ((bit near bit) same copy\$)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/22<br>10:57 |
| S49 | 15  | RF same ((bit near bit) same copy\$)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/22<br>11:01 |
| S50 | 9   | DVD same ((bit near bit) same copy\$)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/22<br>11:04 |
| S51 | 2   | (DVD same ((bit near bit) same copy\$)) and layers   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON  | 2009/09/22<br>11:08 |
| S52 | 23  | park.in. and (multi-layer).ti.   | USPAT  | OR | OFF | 2009/09/26<br>20:47 |
| S53 | 9   | suh.in. and (multi-layer).ti.  | US-PGPUB;<br>USPAT                                 | OR | OFF | 2009/09/26<br>20:49 |
| S54 | 1   | "7260039".pn.  | US-PGPUB;<br>USPAT                                 | OR | OFF | 2009/09/26<br>21:08 |

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|-----|---|---|---------------------------|----|-----|---------------------|
| S55 | 9 | ("20010026511"  <br>"20030137909"  <br>"20030137910"  <br>"5914928"  <br>"6295257"  <br>"6370102"  <br>"6385736"  <br>"6469978"  <br>"6621786").PN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/09/26<br>21:09 |
| S56 | 1 | "7173889".pn.   | USPAT                     | OR | OFF | 2009/09/26<br>21:32 |
| S57 | 1 | "6829618".pn.   | USPAT                     | OR | OFF | 2009/09/26<br>21:46 |

**EAST Search History (I nterference)**

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**9/ 26/ 2009 11:20:22 PM****C:\ Documents and Settings\ dharvey\ My Documents\ EAST\ Workspaces\ 10-574361.1.wsp**